

# Induction Soldering fabric to kovar tip

United Induction Heating Machine Limited

We are experienced in Induction Heating, induction heating machine, Induction Heating equipment. They are widely used in induction heating service, induction heat treatment, induction brazing, induction hardening, induction welding, induction forging, induction quenching, induction soldering induction melting and induction surface treatment applications  
<http://www.uihm.com>

Soldering fabric to kovar tip Material Kovar cone, base 3/8" (9.5mm) dia, cone 3/8" (9.5mm) high, solder

Temperature 300 °F (149 °C)

Frequency 242 kHz

Equipment • Power of 3.2 kW induction heating system, equipped with a remote workhead containing one 1.2µF capacitor.

- An induction heating coil designed and developed specifically for this application. Process A three turn pancake coil is used to heat the tip of the cone to 300 °F (149 °C) in 2-3 seconds. The coil design allows for easy placement of the fiber across the tip of the cone and reduces the heat flow to the bottom of the assembly for the manufacturing process.

Results/Benefits Induction heating provides:

- Hands-free heating that involves minimal operator skill for manufacturing.
- Precise, even heating.
- Repeatable, non-contact clean heat .Soldering fabric to kovar tip

[service@uihm.com](mailto:service@uihm.com)

United Induction Heating Machine Limited

